

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

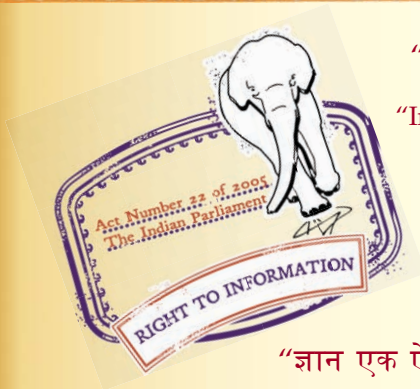
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5840-1 (1970): Dimensions of cathode-ray tubes, Part 1:
Tube out-lines [LITD 4: Electron Tubes and Display Devices]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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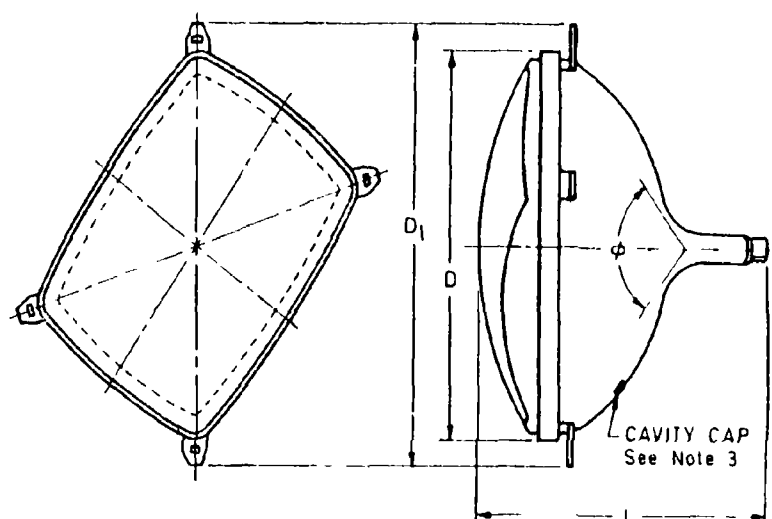


AMENDMENT NO. 1 APRIL 1973
TO
IS : 5840 (Part I)-1970 DIMENSIONS OF CATHODE-RAY TUBES
PART I TUBE OUTLINES

Addendum

(Page 2, clause 3) — Add the following new clause after 3:

4. Television Picture Tubes



(All linear dimensions are in millimetres)

| Size of the Tube Ref Letter | 470 (see Note 5) | | | | | 500 | | | | | 590 (see Note 5) | | | | | 610 | | | | |
|--------------------------------|-----------------------|-----|-----|--------------|-----|-----|-----|-----|--------------|-----|-----------------------|-----|-----|--------------|-----|-----|-----|-----|--------------|-----|
| | Min | Nom | Max | Angle in deg | | Min | Nom | Max | Angle in deg | | Min | Nom | Max | Angle in deg | | Min | Nom | Max | Angle in deg | |
| | | | | Min | Nom | | | | Min | Nom | | | | Min | Nom | | | | Min | Nom |
| | | | | | | | | | | | | | | | | | | | | |
| D | | 470 | — | — | — | — | 510 | — | — | — | — | 590 | — | — | — | — | 610 | — | — | — |
| D ₁ | — | — | 521 | — | — | I | — | 570 | — | — | I | — | 685 | — | — | I | — | 675 | — | I |
| L | — | 295 | 305 | — | — | — | 311 | 318 | — | — | — | 358 | 366 | — | — | — | 362 | 370 | — | — |
| phi | — | — | — | 110 | 114 | — | — | — | 110 | 114 | — | — | — | 110 | 114 | — | — | — | 110 | 114 |

Note 1 — This dimension includes the provisions for implosion protection system.

Note 2 — The shapes shown are typical and not obligatory

Note 3 — For details of cavity cap type EHT terminal, reference may be made to 2 of IS : 5840 (Part III) 1970 Dimensions of cathode-ray tubes; Part III EHT terminals.

Note 4 — For details of base B8H (one-pin omitted) used with these tubes, reference may be made to Amendment No. 1 to IS : 5840 (Part II)-1970 Dimensions of cathode-ray tubes; Part II Bases.

Note 5 — These tubes are meant for replacement purposes only and will be withdrawn in due course.

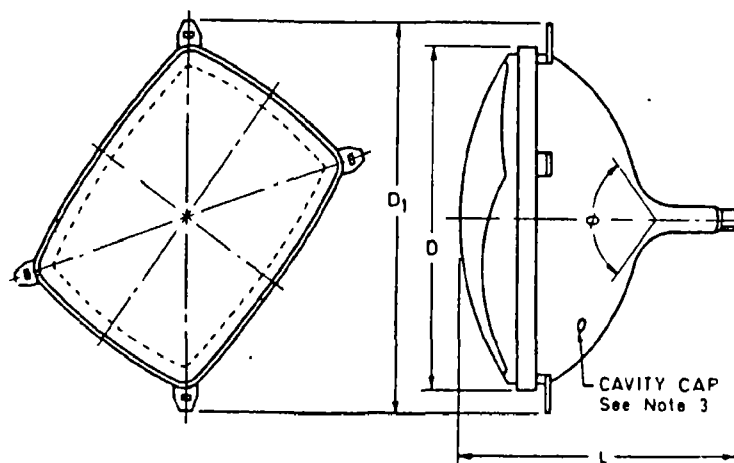
(ETDC 39)

AMENDMENT NO. 2 OCTOBER 1974
TO
IS:5840 (Part I) - 1970 DIMENSIONS OF CATHODE-RAY TUBES
PART I TUBE OUTLINES

Alteration

[Page 2, clause 4 (see Amendment No. 1)] — Substitute the following for the existing clause:

4. Television Picture Tubes



(All linear dimensions are in millimetres)

| Size of the Tube → Ref Letter ↓ | 470 | | | | | 500 | | | | | 590 | | | | | 610 | | | | | | | | | |
|--|-----|-----|-----|--------------|-----|------|-----|-----|-----|--------------|-----|------|-----|-----|-----|--------------|-----|------|-----|-----|-----|--------------|-----|------|---|
| | Min | Nom | Max | Angle In deg | | Note | Min | Nom | Max | Angle In deg | | Note | Min | Nom | Max | Angle In deg | | Note | Min | Nom | Max | Angle In deg | | Note | |
| | | | | Min | Nom | | | | | Min | Nom | | | | | Min | Nom | | | | | Min | Nom | | |
| D | — | 470 | — | — | — | — | — | 510 | — | — | — | — | — | 590 | — | — | — | — | — | — | 610 | — | — | — | — |
| D ₁ | — | — | 521 | — | — | I | — | — | 570 | — | — | I | — | — | 685 | — | — | I | — | — | 675 | — | — | I | — |
| L | — | 295 | 305 | — | — | — | — | 311 | 318 | — | — | — | — | 358 | 366 | — | — | — | — | 362 | 370 | — | — | — | — |
| φ | — | — | — | 110 | 114 | — | — | — | — | 110 | 114 | — | — | — | — | 110 | 114 | — | — | — | — | 110 | 114 | — | — |

Note 1 — This dimension includes the provisions for Implosion protection system.

Note 2 — The shapes shown are typical and not obligatory.

Note 3 — For details of cavity cap type EHT terminal, reference may be made to 2 of IS: 5840 (Part III) - 1970 Dimensions of cathode-ray tubes: Part III EHT terminals.

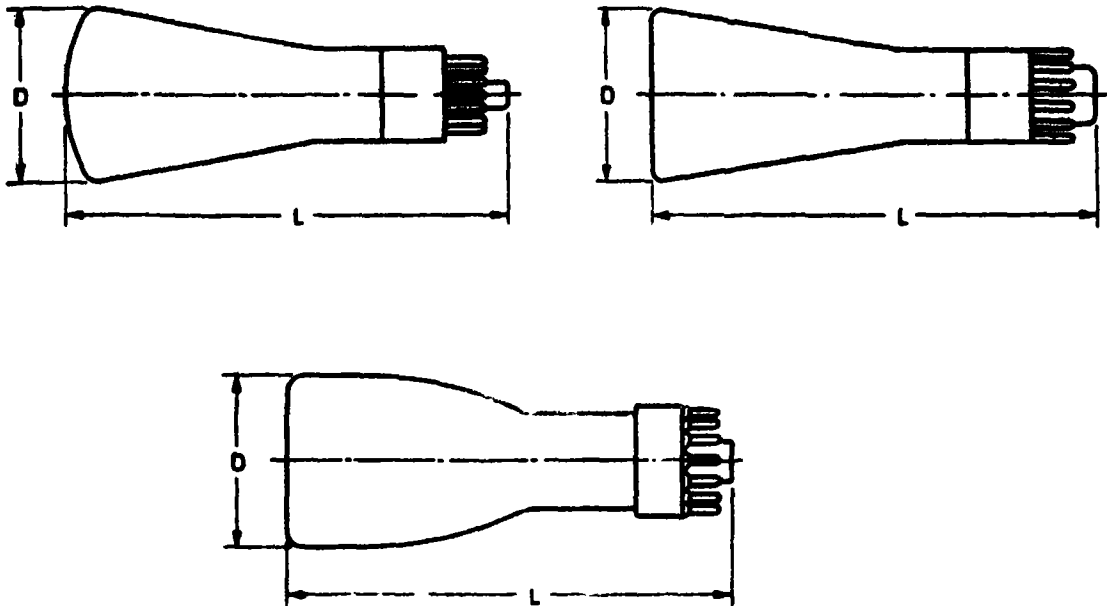
Note 4 — For details of base B8H (one-pin omitted) used with these tubes, reference may be made to Amendment No. 1 to IS: 5840 (Part II) - 1970 Dimensions of cathode-ray tubes: Part II Bases.

Electron Tubes and Valves Sectional Committee, ETDC 39; Panel for Cathode-ray Tubes, ETDC 39 : P4

Indian Standard
DIMENSIONS OF CATHODE-RAY TUBES
PART I TUBE OUTLINES

1. Scope — Lays down the outline dimensions of cathode-ray tubes used in oscilloscope, television and radar.

2. 70-mm Cathode-Ray Tube



| Reference | Millimetres | | | Notes |
|-----------|-------------|-----|-----|-------|
| | Min | Nom | Max | |
| D | — | 70 | 75 | — |
| L | — | — | 135 | — |

Note 1 — The shapes shown are typical and not obligatory.

Note 2 — Base dimensions should conform to IS : 5840 (Part II)-1970
' Dimensions of cathode-ray tubes: Part II Bases '.

Adopted 12 November 1970

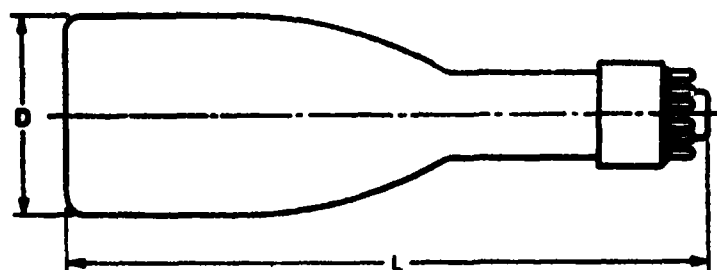
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BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

IS : 5840 (Part I) - 1970

3. 130-mm Cathode-Ray Tube



| Reference | Millimetres | | | Notes |
|-----------|-------------|-----|------------|-------|
| | <i>Min</i> | Nom | <i>Max</i> | |
| <i>D</i> | — | 130 | 135 | — |
| <i>L</i> | — | — | 440 | — |

Note 1 — The shapes shown are typical and not obligatory.

Note 2 — Base dimensions should conform to IS : 5840 (Part II)-1970
'Dimensions of cathode-ray tubes: Part II Bases '.